

Rabbit PFN2 Polyclonal Antibody | anti-PFN2 antibody

PFN2 Antibody

CATALOG # AAA307008	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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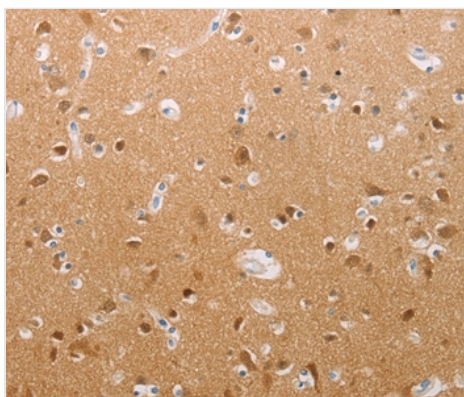
PRODUCT SYNONYMS

PFN2; Polyclonal Antibody; PFN2 Antibody; PFL; D3S1319E; anti-PFN2 antibody

PRODUCT SPECIFICATIONS

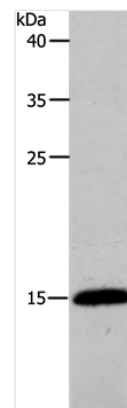
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total PFN2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.3 PBS, 0.05% NaN ₃ , 50% Glycerol.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	140
Applicable Applications for anti-PFN2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human Profilin 2
Target Name	PFN2
Preparation and Storage	Store at -20 degree C

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/30.



Application Data

Gel: 10%SDS-PAGE Lysates (from left to right): Human fetal brain tissue Amount of lysate: 40ug per lane Primary antibody: 1/450 dilution Secondary antibody dilution: 1/8000 Exposure time: 3 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-PFN2 antibody	The protein encoded by this gene is a ubiquitous actin monomer-binding protein belonging to the profilin family. It is thought to regulate actin polymerization in response to extracellular signals. There are two alternatively spliced transcript variants encoding different isoforms described for this gene. Binds to actin and affects the structure of the cytoskeleton. At high concentrations, profilin prevents the polymerization of actin, whereas it enhances it at low concentrations. By binding to PIP2, it inhibits the formation of IP3 and DG.
Product Categories/Family for anti-PFN2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505751
NCBI GeneID	5217
NCBI Accession #	NP_002619.1
NCBI GenBank Nucleotide #	NM_002628.4
UniProt Accession #	P35080; Q4VBQ4; Q8WVF9; Q9HBK2; B2R4C8; D3DNI4
Molecular Weight	15,088 Da
NCBI Official Full Name	profilin-2 isoform b
NCBI Official Synonym Full Names	profilin 2
NCBI Official Symbol	PFN2
NCBI Official Synonym Symbols	PFL; D3S1319E
NCBI Protein Information	profilin-2
UniProt Protein Name	Profilin-2
UniProt Gene Name	PFN2
UniProt Entry Name	PROF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.